

Inventor: JUNICHI UMERA
 Title: DIRECT ELECTRONIC BUSINESS TRANSACTION

POWER OF ATTORNEY

The specification of the above-identified patent application:

- is attached hereto
 was filed on July 6, 2000 as application Serial No. 09/612,407

I hereby revoke all previously granted powers of attorney in the above-identified patent application and appoint the following attorneys to prosecute said patent application and to transact all business in the Patent and Trademark Office connected therewith:

Guy W. Shoup - 26,805
 Gustavo Siller, Jr. - 32,305
 Jasper W. Dockrey - 33,868
 John C. Freeman - 34,483
 William F. Prendergast - 34,699
 Michael E. Milz - 34,880
 Paul E. Rauch - 38,591
 Mark H. Remus - 40,141
 Tadashi Horie - 40,437
 Joseph F. Hetz - 41,070
 Jason C. White - 42,223
 James A. Collins - 43,557

Please address all correspondence and telephone calls to Gustavo Siller, Jr. in care of:

Brinks Hofer Gilson & Lione
 NBC Tower, Suite 3600
 P.O. Box 10395
 Chicago, IL 60610
 (312)321-4200

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from K. Hymes as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.


Inventor JUNICHI UMERA Date: 12/1/00